

COPY

1634



# TRANSMITTAL FORM

Application Serial Number	09/545,162
Filing Date	April 7, 2000
First Named Inventor	Lapidus
Group Art Unit	1634
Examiner Name	Einsmann, J.
Attorney Docket No.	EXT-026
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response with Declaration attachment <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations A1-A117, B1-B111, C1-C177  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Copy of Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Copy of Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction  <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard  <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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## CORRESPONDENCE ADDRESS

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## SIGNATURE BLOCK

Respectfully submitted,  
  
 Date: June 5, 2003  
 Reg. No. 51,752  
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 Attorney for Applicants  
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COPY

PATENT  
Attorney Docket No. EXT-026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lapidus *et al.*  
SERIAL NO.: 09/545,162 GROUP NO.: 1634  
FILING DATE: April 7, 2000 EXAMINER: Einsmann, J.  
TITLE: Methods For Detecting Nucleic Acids Indicative of Cancer

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

In addition, Applicants notify the Examiner of the following U.S. patent applications: U.S. Serial No. 09/514,865, filed February 28, 2000; U.S. Serial No. 09/455,950, filed December 7, 1999; U.S. Serial No. 10/149,464, filed June 7, 2002; and U.S. Serial No. 09/724,274, filed November 28, 2000. Furthermore, Applicants notify the Examiner that U.S. Patent No. 6,084,091 (A111) is the English language counterpart of Foreign Patent Document Nos. 195 30 132C2 (B47), 195 30 132A1 (B110) and WO 97/07239 (B58); U.S. Patent No. 6,150,100 (A109) is the English language counterpart of Foreign Patent Document No. 197 12 332A1 (B48); U.S. Patent No. 6,448,002B1(A110) is the English language counterpart of Foreign Patent Document No. WO 98/08971 (B61); and an English language abstract for Foreign Patent Document No. 197 36 691A1 (B49) is contained in related Foreign Patent Document No. WO 99/10528 (B111).

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an

international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

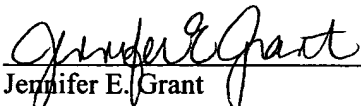
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,

Date: June 5, 2003  
Reg. No. 51,752

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\_\_\_\_\_  
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COPY

PATENT  
Attorney Docket No. EXT-026  
(2457/23)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lapidus *et al.*  
SERIAL NO.: 09/545,162 GROUP NO.: 1634  
FILING DATE: April 7, 2000 EXAMINER: Einsmann, J.  
TITLE: Methods For Detecting Nucleic Acids Indicative of Cancer

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22202-1450 on this 5 th day of ~~June~~ 2003.

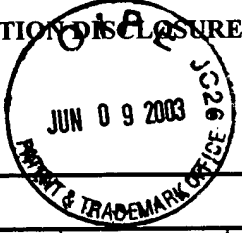
  
Thomas F. Hellenthal


Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22202-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. Form PTO 1449 (22 pages);
4. Copies of references A1-A117, B1-B111, C1-C177  
(A1-A117 and B1-B27 in Box 1; B28-B111 in Box 2; C1-C177 in Box 3);
5. Return Receipt Postcard.

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.: EXT-026</b> <b>APPLICANT(S): Lapidus et al.</b> <b>SERIAL NO.: 09/545,162</b> <b>FILING DATE: April 7, 2000      GROUP: 1634</b>			
 <b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A1	4,333,734	6/8/82	Fleisher		10/8/80	
	A2	4,535,058	8/13/85	Weinberg et al.		10/1/82	
	A3	4,683,195	7/28/87	Mullis et al.		2/7/86	
	A4	4,786,718	11/22/88	Weinberg et al.		8/8/85	
	A5	4,857,300	8/15/89	Maksem		7/27/87	
	A6	4,871,838	10/3/89	Bos et al.		7/23/85	
	A7	4,981,783	1/1/91	Augenlicht		4/16/86	
	A8	4,982,615	1/8/91	Sultan et al.		4/18/89	
	A9	5,087,617	2/11/92	Smith		2/15/89	
	A10	5,126,239	6/30/92	Livak et al.		3/14/90	
	A11	5,137,806	8/11/92	LeMaistre et al.		12/11/89	
	A12	5,196,167	3/23/93	Guadagno et al.		5/9/91	
	A13	5,248,671	9/28/93	Smith		12/9/91	
	A14	5,272,057	12/21/93	Smulson et al.		12/21/93	
	A15	5,302,509	4/12/94	Cheeseman		2/27/91	
	A16	5,330,892	7/19/94	Vogelstein et al.		3/13/91	
	A17	5,348,855	9/20/94	Dattagupta et al.		10/4/91	
	A18	5,352,775	10/4/94	Albertsen et al.		8/8/91	
	A19	5,362,623	11/8/94	Vogelstein et al.		3/31/92	
	A20	5,369,004	11/29/94	Polymeropoulos et al.		7/31/92	
	A21	5,378,602	1/3/95	Polymeropoulos et al.		11/27/91	
	A22	5,380,645	1/10/95	Vogelstein		3/16/89	
	A23	5,380,647	1/10/95	Bahar		4/26/93	
	A24	5,382,510	1/17/95	Levine et al.		7/10/92	
	A25	5,409,586	4/25/95	Kamahori et al.		8/24/93	
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.:</b> EXT-026 <b>APPLICANT(S):</b> Lapidus <i>et al.</i> <b>SERIAL NO.:</b> 09/545,162 <b>FILING DATE:</b> April 7, 2000 <b>GROUP:</b> 1634			
 <b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A26	5,458,761	10/17/95	Kamahori <i>et al.</i>		1/27/95	
	A27	5,466,576	11/14/95	Schulz <i>et al.</i>		7/2/93	
	A28	5,468,610	11/21/95	Polymeropoulos <i>et al.</i>		6/9/93	
	A29	5,468,613	11/21/95	Erllich <i>et al.</i>		3/9/90	
	A30	5,489,508	2/6/96	West <i>et al.</i>		3/24/93	
	A31	5,492,808	2/20/96	de la Chapelle <i>et al.</i>		5/5/93	
	A32	5,496,470	3/5/96	Lenhart		5/27/94	
	A33	5,508,164	4/16/96	Kausch <i>et al.</i>		10/29/93	
	A34	5,512,441	4/30/96	Ronal		11/15/94	
	A35	5,514,547	5/7/96	Balazs <i>et al.</i>		2/4/94	
	A36	5,527,676	6/18/96	Vogelstein <i>et al.</i>		3/22/93	
	A37	5,532,108	7/2/96	Vogelstein		4/14/94	
	A38	5,580,729	12/3/96	Vogelstein		6/24/94	
	A39	5,589,335	12/31/96	Kearney <i>et al.</i>		8/11/94	
	A40	5,670,325	9/23/97	Lapidus <i>et al.</i>		8/14/96	
	A41	5,709,998	1/20/98	Kinzler <i>et al.</i>		12/15/93	
	A42	5,710,028	1/20/98	Eyal <i>et al.</i>		10/4/94	
	A43	5,741,650	4/21/98	Lapidus <i>et al.</i>		4/21/98	
	A44	5,759,777	6/2/98	Kearney <i>et al.</i>		6/2/98	
	A45	5,830,665	11/3/98	Shuber <i>et al.</i>		3/3/97	
	A46	5,928,870	7/27/99	Lapidus <i>et al.</i>		6/16/97	
	A47	3,413,464	11/26/68	Kamentsky		04/29/65	
	A48	4,101,279	7/18/78	Aslam		4/6/77	
	A49	4,309,782	1/12/82	Paulin		9/11/80	
	A50	4,358,535	11/9/82	Falkow <i>et al.</i>		12/8/90	

EXAMINER

DATE CONSIDERED

FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

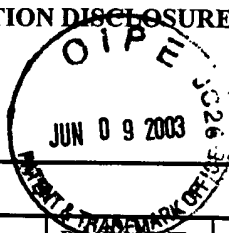
ATTORNEY DOCKET NO.: EXT-026

APPLICANT(S): Lapidus *et al.*

SERIAL NO.: 09/545,162

FILING DATE: April 7, 2000

GROUP: 1634

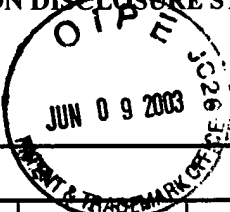


## U.S. PATENT DOCUMENTS


EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A51	4,445,235	5/1/84	Slover <i>et al.</i>		9/13/82
	A52	4,578,358	3/25/86	Oksman <i>et al.</i>		5/3/83
	A53	4,683,202	7/28/87	Mullis		10/25/85
	A54	4,705,050	11/10/87	Markham		10/2/85
	A55	4,735,905	4/5/88	Parker		8/15/86
	A56	4,935,342	6/19/90	Seligson <i>et al.</i>		12/1/86
	A57	5,149,506	9/22/92	Skiba <i>et al.</i>		8/9/91
	A58	5,200,314	4/6/93	Urdea		3/23/90
	A59	5,331,973	7/26/94	Fiedler <i>et al.</i>		3/15/93
	A60	5,416,025	5/16/95	Krepinsky, <i>et al.</i>		8/31/94
	A61	5,463,782	11/7/95	Carlson <i>et al.</i>		11/21/94
	A62	5,482,834	1/9/96	Gillespie		1/19/93
	A63	5,506,105	4/9/96	Haydock		3/22/94
	A64	5,538,851	7/23/96	Fach <i>et al.</i>		12/22/93
	A65	5,559,014	9/24/96	Estes <i>et al.</i>		6/7/95
	A66	5,599,662	2/4/97	Respass		2/17/95
	A67	5,612,473	3/18/97	Wu <i>et al.</i>		1/16/96
	A68	5,635,352	6/03/97	Urdea <i>et al.</i>		4/26/95
	A69	5,641,628	6/24/97	Bianchi		11/14/94
	A70	5,645,995	7/8/97	Kieback		4/12/96
	A71	5,688,643	11/18/97	Oka <i>et al.</i>		2/27/95
	A72	5,846,710	12/8/98	Bajaj		8/6/93
	A73	5,856,104	1/5/99	Chee <i>et al.</i>		3/7/97
	A74	5,882,865	03/16/99	Vogelstein <i>et al.</i>		1/10/97
	A75	5,888,778	3/30/99	Shuber		6/16/97

EXAMINER

DATE CONSIDERED

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.: EXT-026</b> <b>APPLICANT(S): Lapidus <i>et al.</i></b> <b>SERIAL NO.: 09/545,162</b> <b>FILING DATE: April 7, 2000      GROUP: 1634</b>			
 <b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A76	5,910,407	6/8/99	Vogelstein <i>et al.</i>			8/26/94
	A77	5,916,744	6/29/99	Taylor			3/14/94
	A78	5,942,396	8/24/99	Shiff <i>et al.</i>			8/19/97
	A79	5,952,178	9/14/99	Lapidus <i>et al.</i>			4/13/98
	A80	5,976,800	11/2/99	Lau <i>et al.</i>			6/27/97
	A81	6,020,137	2/1/00	Lapidus <i>et al.</i>			11/23/98
	A82	6,037,465	3/14/00	Hillebrand <i>et al.</i>			12/16/96
	A83	6,100,029	8/8/00	Lapidus <i>et al.</i>			12/4/97
	A84	6,143,529	11/7/00	Lapidus <i>et al.</i>			3/26/99
	A85	6,146,828	11/14/00	Lapidus			7/3/98
	A86	6,177,251B1	01/23/01	Vogelstein <i>et al.</i>			6/8/99
	A87	6,203,993 B1	3/20/01	Shuber <i>et al.</i>			4/4/00
	A88	6,214,187B1	4/10/01	Hammond <i>et al.</i>			6/18/99
	A89	6,214,558B1	04/10/01	Shuber <i>et al.</i>			7/27/00
	A90	6,238,927B1	5/29/01	Abrams <i>et al.</i>			10/4/99
	A91	6,251,660 B1	6/26/01	Muir <i>et al.</i>			11/25/98
	A92	6,268,136B1	7/31/01	Shuber <i>et al.</i>			11/23/98
	A93	6,280,947 B1	8/28/01	Shuber <i>et al.</i>			8/11/99
	A94	6,300,077 B1	10/9/01	Shuber <i>et al.</i>			4/4/00
	A95	6,303,304 B1	10/16/01	Shuber <i>et al.</i>			2/2/99
	A96	6,351,857 B2	3/5/02	Slaon, III <i>et al.</i>			3/13/01
	A97	6,406,857 B1	6/18/02	Shuber <i>et al.</i>			5/21/01
	A98	6,415,455 B1	7/9/02	Slaon, III <i>et al.</i>			12/17/01
	A99	6,428,964 B1	8/6/02	Shuber			3/15/01
	A100	6,475,738 B2	11/5/02	Shuber <i>et al.</i>			6/18/01
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

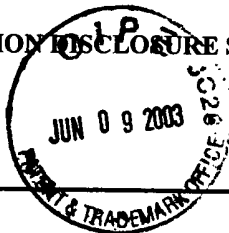


<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.: EXT-026</b>  <b>APPLICANT(S): Lapidus et al.</b>  <b>SERIAL NO.: 09/545,162</b>  <b>FILING DATE: April 7, 2000</b> <b>GROUP: 1634</b>			
 <b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A101	6,482,595 B2	11/19/02	Shuber et al.		8/27/01	
	A102	2001/0018180A1	8/30/01	Shuber et al.		1/10/01	
	A103	2002/0025525A1	2/28/02	Shuber		5/30/01	
	A104	2002/0110810A1	8/15/02	Shuber		1/5/01	
	A105	2002/0119469A1	8/29/02	Shuber et al.		10/5/01	
	A106	2002/0119472A1	8/29/02	Lapidus et al.		10/15/01	
	A107	2002/0132251A1	9/19/02	Shuber		11/20/01	
	A108	2002/0164631A1	11/7/02	Shuber et al.		3/25/02	
	A109	6,150,100	11/21/00	Ruschoff et al.		3/25/98	
	A110	6,448,002B1	9/10/02	Hillebrand et al.		8/26/97	
	A111	6,084,091	7/4/00	Muller et al.		8/14/96	
	A112	6,503,718 B2	1/7/03	Shuber et al.		1/10/01	
	A113	6,551,777	4/22/03	Shuber et al.		1/24/00	
	A114	6,498,012	12/24/02	Laken		6/18/01	
	A115	2003/0087258A1	5/8/03	Shuber		4/11/02	
	A116	2003/0044780A1	3/6/03	Lapidus et al.		11/23/99	
	A117	2003/0049659A1	3/13/03	Lapidus et al.		5/29/02	

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT



ATTORNEY DOCKET NO.: EXT-026

APPLICANT(S): Lapidus *et al.*

SERIAL NO.: 09/545,162

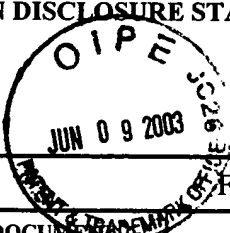
FILING DATE: April 7, 2000 GROUP: 1634

## FOREIGN PATENT DOCUMENTS


EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B1	0 284 362 A2	9/28/88	EP			3/23/88		Y
	B2	0 337 498 A2	10/18/89	EP			4/17/89		Y
	B3	WO 90/09455	8/23/90	PCT			2/13/90		Y
	B4	0 390 323 A2	10/3/90	EP			2/20/90		Y
	B5	0 390 323 A3	10/3/90	EP			2/20/90		Y
	B6	0 407 789 A1	1/16/91	EP			6/22/90		Y
	B7	0 407 789 B1	1/16/91	EP			6/22/90		Y
	B8	WO 92/13103	8/6/92	PCT			1/16/92		Y
	B9	WO 92/16657	10/1/92	PCT			3/12/92		Y
	B10	WO 93/18186	9/16/93	PCT			3/1/93		Y
	B11	WO 93/20233	10/14/93	PCT			3/22/93		Y
	B12	WO 94/01447	1/20/94	PCT			7/1/93		Y
	B13	WO 94/09161	4/28/94	PCT			10/20/93		Y
	B14	WO 94/10575	5/11/94	PCT			10/29/93		Y
	B15	WO 94/11383	5/26/94	PCT			11/8/93		Y
	B16	0 608 004 A2	7/27/94	EP			8/11/87		Y
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EXAMINER

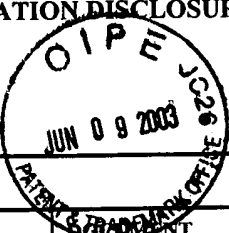
DATE CONSIDERED

<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>					<b>ATTORNEY DOCKET NO.: EXT-026</b>  <b>APPLICANT(S): Lapidus et al.</b>  <b>SERIAL NO.: 09/545,162</b>  <b>FILING DATE: April 7, 2000      GROUP: 1634</b>				
 <b>STATEMENT OF FOREIGN PATENT DOCUMENTS</b>									
EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N	
	B25	WO 95/16792	6/22/95	PCT		12/13/94	Abstract in English	N	
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	B31	WO 96/01907	1/25/96	PCT		7/10/95		Y	
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	B38	WO 97/09600	3/13/97	PCT		9/5/96		Y	
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	B40	WO 97/25442	7/17/97	PCT		1/9/97		Y	
	B41	WO 98/38338	9/3/98	PCT		2/27/98		Y	
—	B42	WO 98/58081	12/23/98	PCT		6/4/98		Y	
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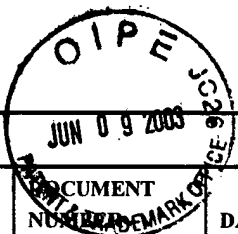
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 <b>FOREIGN PATENT DOCUMENTS</b>									
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	B52	WO 94/00603	1/6/94	PCT			6/28/93		Y
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	B56	WO 96/23895A	8/8/96	PCT			1/29/96		Y
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	B58	WO 97/07239	2/27/97	PCT			8/14/96	A111 is English counterpart	N
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	B60	WO 97/28450	8/7/97	PCT			12/20/96		Y
	B61	WO 98/08971	3/5/98	PCT			8/26/97	A110 is English counterpart	N
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	B63	WO 98/58084	12/23/98	PCT			6/16/98		Y
	B64	WO 99/07894	2/18/99	PCT			8/5/98		Y
	B65	WO 99/07895	2/18/99	PCT			4/8/98		Y
	B66	WO 99/20798	4/29/99	PCT			10/22/98		Y
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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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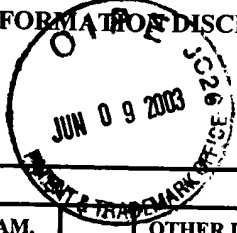
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EXAM. INIT.	PRIORITY NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N	
	B68	WO 99/28507	PCT			12/3/98		Y	
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	B71	WO 99/55912	PCT			4/23/99		Y	
	B72	WO 99/66077	PCT			6/16/99		Y	
	B73	WO 99/66078	PCT			6/18/99		Y	
	B74	WO 99/66079	PCT			6/18/99		Y	
	B75	WO 00/09751	PCT			8/10/99		Y	
	B76	WO 00/11215	PCT			8/10/99		Y	
	B77	WO 00/31298	PCT			11/17/99		Y	
	B78	WO 00/31303	PCT			11/22/99		Y	
	B79	WO 00/31305	PCT			11/23/99		Y	
	B80	WO 00/32820	PCT			11/23/99		Y	
	B81	WO 00/50640	PCT			1/24/00		Y	
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	B91	WO 01/42503A2	PCT			11/28/00		Y	
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EXAMINER

DATE CONSIDERED

FORM PTO - 1449				ATTORNEY DOCKET NO.: EXT-026					
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Lapidus <i>et al.</i>					
				SERIAL NO.: 09/545,162					
				FILING DATE: April 7, 2000      GROUP: 1634					
									
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	B96	WO01/11083A3	2/15/01	PCT			8/9/00		Y
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	B98	WO02/059379A2	8/1/02	PCT			1/4/02		Y
	B99	WO02/074995A1	9/26/02	PCT			3/15/02		Y
	B100	WO02/092858A2	11/21/02	PCT			2/28/02		Y
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	B103	704696	8/22/97	AU			12/20/96		Y
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	B105	744746	1/4/99	AU			6/16/98		Y
	B106	745862	9/22/98	AU			3/2/98		Y
	B107	2,211,702	5/25/99	CA			12/20/96		Y
	B108	2,228,769	2/27/97	CA			8/14/96		Y
	B109	3325270	9/17/02	JP			12/20/96	Abstract in English	N
	B110	195 30 132A1	2/20/97	DE			8/16/95	A111 is English counterpart	N
	B111	WO 99/10528	3/4/99	PCT			8/22/97	Abstract in English	N

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449		ATTORNEY DOCKET NO.: EXT-026
INFORMATIONAL DISCLOSURE STATEMENT		APPLICANT(S): Lapidus <i>et al.</i>
		SERIAL NO.: 09/545,162
		FILING DATE: April 7, 2000 GROUP: 1634
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	Aaltonen <i>et al.</i> (1994) "Replication Errors in Benign and Malignant Tumors from Hereditary Nonpolyposis Colorectal Cancer Patients" <u>Cancer Research</u> 54:1645-1648.
	C2	Aaltonen <i>et al.</i> (1998) "Incidence of Hereditary Nonpolyposis Colorectal Cancer and the Feasibility of Molecular Screening for the Disease" <u>The New England Journal of Medicine</u> 338:1481-1487.
	C3	Ausubel <i>et al.</i> , (1995), <u>Short Protocols in Molecular Biology</u> , 3d ed., pp. 2-3 -2-12, 3-30 -3-33.
	C4	Bertario <i>et al.</i> (1999) "Risk of Colorectal Cancer Following Colonoscopic Polypectomy" <u>Tumori</u> 85:157-162.
	C5	Beskin <i>et al.</i> , (1995), "On the Mechanism of the Modular Primer Effect," <u>Nucleic Acids Research</u> , Vol. 23, No. 15, 2881-2885.
	C6	Blum H.E., (1995) "Colorectal Cancer: Future Population Screening for Early Colorectal Cancer" <u>European Journal of Cancer</u> , Vol. 31A, pp. 1369-1372.
	C7	Bos <i>et al.</i> , (May 28, 1987) "Prevalence of <i>ras</i> Gene Mutations in Human Colorectal Cancers," <u>Nature</u> , Vol. 327, pp. 293-297.
	C8	Caldas <i>et al.</i> , (July 1, 1994) "Detection of K-ras Mutations in the Stool of Patients with Pancreatic Adenocarcinoma and Pancreatic Ductal Hyperplasia" <u>Cancer Research</u> , Vol. 54, pp. 3568-3573.
	C9	Capozzi <i>et al.</i> (1999) "Evaluation of the Replication Error Phenotype in Relation to Molecular and Clinicopathological Features in Hereditary and Early Onset Colorectal Cancer" <u>European Journal of Cancer</u> 35: 289-295.
	C10	Cave <i>et al.</i> , (1994) "Reliability of PCR Directly from Stool Samples: Usefulness of an Internal Standard," <u>BioTechniques</u> , Vol. 16, No. 5, pp. 809-810.
	C11	Chapelle (1999) "Testing Tumors for Microsatellite Instability" <u>European Journal of Human Genetics</u> 7:407-408.
	C12	Charlesworth <i>et al.</i> , (September 15, 1994) "The Evolutionary Dynamics of Repetitive DNA in Eukaryotes," <u>Nature</u> , Vol. 371, pp. 215-220.
	C13	Chen <i>et al.</i> (1997) "Microsatellite Instability in Sporadic-Colon-Cancer Patients With and Without Liver Metastases" <u>International Journal of Cancer</u> 74:470-474.
	C14	Coll <i>et al.</i> , (October 1989) "Evaluation of a Rapid Method of Extracting DNA from Stool Samples for Use in Hybridization Assays," <u>Journal of Clinical Microbiology</u> , Vol. 27, No. 10, pp. 2245-2248.
	C15	Coughlin <i>et al.</i> (1999) "Public Health Perspectives on Testing for Colorectal Cancer Susceptibility Genes" <u>American Journal of Preventive Medicine</u> 16:99-104.
	C16	Cunningham C. and M.G. Dunlop, (1996) "Molecular Genetic Basis of Colorectal Cancer Susceptibility," <u>British Journal of Surgery</u> , Vol. 83, pp. 321-329.
EXAMINER		DATE CONSIDERED

<b>FORM PTO - 1449</b> <b>INFORMATION AND DISCLOSURE STATEMENT</b>		ATTORNEY DOCKET NO.: EXT-026 APPLICANT(S): Lapidus <i>et al.</i> SERIAL NO.: 09/545,162 FILING DATE: April 7, 2000      GROUP: 1634
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C17	Deng <i>et al.</i> , (December 20, 1996) "Loss of Heterozygosity in Normal Tissue Adjacent to Breast Carcinomas," <u>Science</u> , Vol. 274, pp. 2057-2059.
	C18	Deuter <i>et al.</i> , (1995) "A Method for Preparation of Fecal DNA Suitable for PCR," <u>Nucleic Acids Research</u> , Vol. 23, No. 18, pp. 3800-3801.
	C19	Dib <i>et al.</i> , (March 14, 1996) "A Comprehensive Genetic Map of the Human Genome Based on 5,264 Microsatellites," <u>Nature</u> Vol. 380, pp. 152-154.
	C20	Duffy M.J., (1995) "Can Molecular Markers Now be Used for Early Diagnosis of Malignancy?" <u>Clin. Chem.</u> , Vol. 41, No.10, pp. 1410-1413.
	C21	Eguchi <i>et al.</i> , (April 15, 1996) "Mutations of the p53 Gene in the Stool of Patients with Resectable Colorectal Cancer," <u>Cancer Supplement</u> , Vol. 77, No. 8, pp. 1707-1710.
	C22	Enari <i>et al.</i> , (January 1, 1998) "A Caspase-Activated DNase that Degrades DNA During Apoptosis, and its Inhibitor ICAD," <u>Nature</u> , Vol. 391, pp. 43-50.
	C23	Fearon, E.R., (1995) "16 Molecular Abnormalities in Colon and Rectal Cancer," <u>The Molecular Basis of Cancer</u> , pp. 340-357.
	C24	Grossman <i>et al.</i> (1988), "Colonoscopic Screening of persons With Suspected Risk Factors for Colon Cancer" <u>Gastroenterology</u> 94:395-400.
	C25	Gyllenstein U. B., Allen M., (1995) "Sequencing of In Vitro Amplified DNA," <u>Recombinant DNA Methodology II</u> , (Wu, ed.), pp. 565-578.
	C26	Hasegawa <i>et al.</i> , (1995) "Detection of K-ras Mutations in DNAs Isolated From Feces of Patients with Colorectal Tumors by Mutant-Allele-Specific Amplification (MASA)," <u>Oncogene</u> , Vol. 10, pp. 1441-1445.
	C27	Hoang <i>et al.</i> (1997) "BAT-26, an Indicator of the Replication Error Phenotype in Cancers and Colorectal Cell Lines" <u>Cancer Research</u> 57:300-303.
	C28	Honchel <i>et al.</i> , (1995) "Genomic Instability in Neoplasia," <u>Seminars in Cell Biology</u> , Vol. 6, pp. 45-52.
	C29	Hoss <i>et al.</i> , (September 17, 1992) "Excrement Analysis by PCR" <u>Scientific Correspondence</u> pp. 199.
	C30	Iino <i>et al.</i> (1999) "DNA Microsatellite Instability in Hyperplastic Polyps, Serrated Adenomas, and Mixed Polyps: a Mild Mutator Pathway for Colorectal Cancer?" <u>Journal of Clinical Pathology</u> 52:5-9.
	C31	Iniesta <i>et al.</i> (1998) "Genetic Abnormalities and Microsatellite Instability in Colorectal Cancer" <u>Cancer Detection and Prevention</u> 22:383-395.
	C32	Ishimaru <i>et al.</i> (1995) "Microsatellite Instability in Primary and Metastatic Colorectal Cancers" <u>International Journal of Cancer</u> 64:153-157.

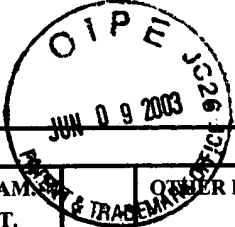
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FORM PTO - 1449		ATTORNEY DOCKET NO.: EXT-026
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Lapidus <i>et al.</i>
		SERIAL NO.: 09/545,162
		FILING DATE: April 7, 2000      GROUP: 1634
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C33	Jarvinen <i>et al.</i> (1995) "Screening Reduces Colorectal Cancer Rate in Families With Hereditary Nonpolyposis Colorectal Cancer" <u>Gastroenterology</u> 108:1405-1411.
	C34	Jernvall <i>et al.</i> (1999) "Microsatellite Instability: Impact on Cancer Progression in Proximal and Distal Colorectal Cancers" <u>European Journal of Cancer</u> 35:197-201.
	C35	Jessup J.M. and G.E. Gallick, (September/October 1992) "The Biology of Colorectal Carcinoma," <u>Current Problems in Cancer</u> , pp. 263-328.
	C36	Jonsson <i>et al.</i> , (January 1995) "From Mutation Mapping to Phenotype Cloning," <u>Proc. Natl. Acad. Sci.</u> , Vol. 92, pp. 83-85.
	C37	Kim <i>et al.</i> (1998) "Microsatellite Instability in Young Patients With Colorectal Cancer" <u>Pathology International</u> 48:586-594.
	C38	Konishi <i>et al.</i> (1996) "Molecular Nature of Colon Tumors in Hereditary Nonpolyposis Colon Cancer, Familial Polyposis, and Sporadic Colon Cancer" <u>Gastroenterology</u> 111:307-317.
	C39	Lamberti <i>et al.</i> (1999) "Microsatellite Instability - a Useful Diagnostic Tool to Select Patients at High Risk for Hereditary Non-Polyposis Colorectal Cancer: A Study in Different Groups of Patients With Colorectal Cancer" <u>Gut</u> 44:839-843.
	C40	Lengauer <i>et al.</i> , (December 17, 1998) "Genetic Instabilities in Human Cancers," <u>Nature</u> , Vol. 396, pp. 643-649.
	C41	Leong <i>et al.</i> , (1993) "Detection of MYCN Gene Amplification and Deletions of Chromosome 1p in Neuroblastoma by In Situ Hybridization Using Routine Histologic Sections," <u>Laboratory Investigations</u> , Vol. 69, No. 1, pp. 43-50.
	C42	Lin <i>et al.</i> (1998) "Colorectal and Extracolonic Cancer Variations in MLH1/MSH2 Hereditary Nonpolyposis Colorectal Cancer Kindreds and the General Population" <u>Diseases of the Colon &amp; Rectum</u> 41:428-433.
	C43	Litia <i>et al.</i> , (1992) "Simultaneous Detection of Two Cystic Fibrosis Alleles Using Dual-Label Time-Resolved Fluorometry," <u>Molecular and Cellular Probes</u> , Vol. 6, pp. 505-512.
	C44	Lleonart <i>et al.</i> (1998) "Microsatellite Instability and p53 Mutations in Sporadic Right and Left Colon Carcinoma" <u>American Cancer Society</u> 83:889-895.
	C45	Loktionov A. and I. K. O'Neill, (1995) "Early Detection of Cancer-Associated Gene Alterations in DNA Isolated from Rat Feces During Intestinal Tumor Induction with 1,2-Dimethylhydrazine," <u>International Journal of Oncology</u> , Vol. 6, pp. 437-445.
	C46	Loktionov <i>et al.</i> , (February, 1998) "Quantitation of DNA from Exfoliated Colonocytes Isolated from Human Stool Surface as a Novel Noninvasive Screening Test for Colorectal Cancer," <u>Clinical Cancer Research</u> , Vol. 4, pp. 337-341.

EXAMINER

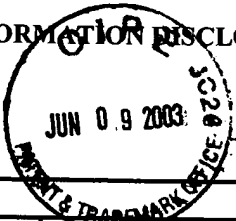
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<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTORNEY DOCKET NO.: EXT-026  APPLICANT(S): Lapidus <i>et al.</i>  SERIAL NO.: 09/545,162  FILING DATE: April 7, 2000      GROUP: 1634	
			
OTHER ART, JOURNAL ARTICLES, ETC.			
EXAMINER & TRADEMARK INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	C47	Mao L. <i>et al.</i> , (February 2, 1996) "Molecular Detection of Primary Bladder Cancer by Microsatellite Analysis," <u>Science</u> , Vol. 271, pp. 659-662.	
	C48	Myers, R.M., (February 12, 1993) "The Pluses of Subtraction," <u>Science</u> , Vol. 259, pp. 942-943.	
	C49	Naber S. P., (December 1, 1994) "Molecular Pathology -- Detection of Neoplasia," <u>New England Journal of Medicine</u> , Vol. 331, No. 22, pp. 1508-1510.	
	C50	Nollau <i>et al.</i> , (May 1996) "Isolation of DNA from Stool and Bodily Fluids for PCR Amplification," <u>BioTechniques</u> , Vol. 20, No. 5, pp. 784-788.	
	C51	Nollau <i>et al.</i> , (1996) "Detection of K-ras Mutations in Stools of Patients with Colorectal Cancer by Mutant-Enriched PCR," <u>Int. J. Cancer</u> , Vol. 66, pp. 332-336.	
	C52	Orlow I., <i>et al.</i> , (October 18, 1995) "Deletion of the p16 and p15 Genes in Human Bladder Tumors <u>Journal of the National Cancer Institute</u> , " Vol. 87, No. 20, pp. 1524-1529.	
	C53	Orou, <i>et al.</i> , (1995) "Allele-Specific Competitive Blocker PCR: A One-Step Method With Applicability to Pool Screening" <u>Human Mutation</u> Vol. 6, 163-169.	
	C54	Park <i>et al.</i> (1999) "Gene-Environment Interaction in Hereditary Nonpolyposis Colorectal Cancer with Implications for Diagnosis and Genetic Testing" <u>International Journal of Cancer</u> 82:516-519.	
	C55	Peltomaki <i>et al.</i> (1997) "Mutations Predisposing to Hereditary Nonpolyposis Colorectal Cancer: Database and Results of a Collaborative Study" <u>Gastroenterology</u> 113:1146-1158.	
	C56	Pharmacia, (1998) <u>BioDirectory</u> , pp. 104-109.	
	C57	Pharmacia, (1991/1992) <u>Molecular and Cell Biology Catalogue</u> , pp. 8.3-8.6.	
	C58	Piao <i>et al.</i> , (September 1997) "Relationship between Loss of Heterozygosity of Tumor Suppressor Genes and Histologic Differentiation in Hepatocellular Carcinoma," <u>Cancer</u> , Vol. 80, No. 5, pp. 865-872.	
	C59	Ponz de Leon <i>et al.</i> (1998) "Frequency and Type of Colorectal Tumors in Asymptomatic High -Risk Individuals in Families with Hereditary Nonpolyposis Colorectal Cancer" <u>Cancer Epidemiology, Biomarkers &amp; Prevention</u> 7:639-641.	
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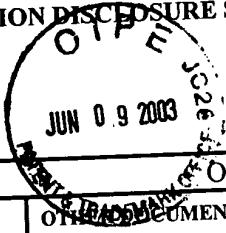
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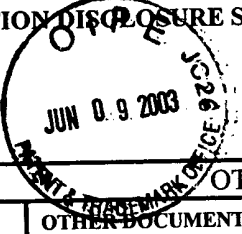
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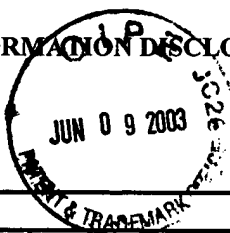
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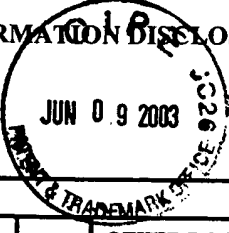
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<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTORNEY DOCKET NO.: EXT-026 APPLICANT(S): Lapidus <i>et al.</i> SERIAL NO.: 09/545,162 FILING DATE: April 7, 2000      GROUP: 1634
 OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C172	Walsh <i>et al.</i> , (1991) "Chelex® 100 as a Medium for Simple Extraction of DNA for PCR-Based Typing from Forensic Material," <i>BioTechniques</i> , Vol. 10, No. 4, pp. 506-513.
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